SEQUENCE LISTING

<110> Jean-Louis RUELLE

<120> BASB019 Proteins and Genes from
      Moraxella Catarrhalis, Antigens, Antibodies, and Uses

<130> BM45311

<140> 09/674,779
<141> 2001-01-03

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Leu Val Ala Cys Ser Ala Pro Ile Pro Thr Asn Pro Gln Val Ser Pro
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Ile Lys Thr Pro Ser Val Leu Ile Thr Lys Asp Lys Ile Gly Asp His
         35   40   45
His Thr His Glu His Asp Glu Ser Val Ser His Val Gly Leu Gln Ala

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        50                    55                    60
His Phe Glu Thr Trp Leu Gln Met His His Ala Thr Lys Gln Glu Val
65                    70                    75                    80
Val Arg Tyr Gln Ala Tyr Leu Gln Ser Arg Leu Gly Asn Tyr Leu Pro
                  85                    90                    95
Pro Met Ser Gln Leu Leu Thr Thr Ala Arg Ser Trp Gln Ala Cys Gly
                  100                   105                   110
His Glu Pro Tyr Gln Leu Pro Pro Glu His Leu Trp Gly Gln Ile Val
                  115                   120                   125
Pro Thr Leu His Leu Tyr Gln Asp Leu Lys Ser Arg Gly Ile Leu Pro
                  130                   135                   140
Ala Asn Thr Gln Ile Arg Ser Val Tyr Arg Asn Pro Glu Leu Asn Gln
145                   150                   155                   160
Cys Ala Gly Gly Ala Ala Met Ser Lys His Leu Thr Asn Ser Ala Ile
                  165                   170                   175
Asp Ile Trp Val Pro Asp Leu Glu Ile Lys Ser Gln Ala Leu Tyr Glu
                  180                   185                   190
Leu Gln Asn Arg Leu Cys Gln Tyr Trp Leu Glu His Gly Glu Asn Gln
                  195                   200                   205
Asn Phe Gly Leu Gly Leu Tyr Ala Thr Gly Ala Ile His Leu Asp Thr
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Gln Gly Phe Arg Lys Trp Gly Ala Gln Phe Ser Glu Thr Asn Ser Ile
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Cys Arg His Val Leu Pro Lys Asn Lys Leu
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